

PRIMARY- MATH
CHARLES ELLIS MONTESSORI ACADEMY
Montessori At Home - Week 1
April 6 - April 10

Information About Choice Boards:

Our goal is to work in collaboration with families to keep alive the culture of learning that is unique to Montessori, as well as provide families with support and activities that match the developmental needs and characteristics of each child in our community. It is important to us that the children’s activity during this time be enjoyable, challenging, and rewarding. When looking at the Montessori method, it is important to remember the term, “Process over Product”. While completion of work is important, it is our approach that makes all the difference. Learning is most effective when it is within a greater context. When we connect subjects and concepts, we establish meaning which fuels motivation in students. Above all, we want children to feel connected to their learning, not simply “complete assignments” while at home.¹ This is why we have chosen the theme of “Spring” for the month of April. Whether it be the birds chirping, the bees and pollinators buzzing, or the trees and plants budding, the presence of spring is all around us. Each week we will send out a new choice board with different spring topics. The topic for this week will be birds. We hope that this will be a fun way to connect your child’s learning to what is happening in the world around them. Learning together with a sense of exploration, curiosity, and discovery results in deeper and more meaningful experiences for children. This instills a great sense of ownership and responsibility for the child.²

¹ *Learning from Home Handbook* (Tokyo: Montessori School of Tokyo, n.d.), <https://drive.google.com/file/d/1BqbxhX3iaCRdeMZCALV5ka0dZYmtNVJM/view>

² Ibid.

MATH CHOICE BOARD

Select and complete 1 activity per day from the choice board below.

A	B	C	D
<p>1.) Making Patterns</p> <p>All birds hatch from eggs. Draw different colored eggs to make the following patterns:</p> <ol style="list-style-type: none">1. ABABAB2. AABAAB3. AABBAABB <p>What other patterns can you make?</p> <p>GELDS: CD-MA4.3c GSE: MGSEK.MD.3</p>	<p>2.) Bird Wings</p> <p>Roll 2 dice. Add the two numbers together from the dice. Once you get your answer, pretend to flap your wings like a bird for that many times (Ex: If you roll a 2 and a 3, you will pretend to flap wings 5 times.)</p> <p>Repeat activity a few times to practice addition and counting.</p> <p>Link to DIY dice: https://www.firstpalette.com/craft/paper-dice.html</p> <p>GELDS: CD-MA7.4b GSE: MGSEK.OA.1</p>	<p>3.) Making 10 Word Problem</p> <p>There are 3 birds in the sky. How many more birds are needed to make 10 total birds in the sky? Draw a picture to represent your thoughts, and write a number sentence to solve the problem.</p> <p>Here is an example of a number sentence: $2 + 3 = 5$</p> <p>GELDS: CD-MA7.4b GSE: MGSEK.OA.4</p>	<p>4.) Race To Make a Brood or Clutch</p> <p><u>Vocabulary:</u> a group of hens is called a Brood. A group of chicks is called a Clutch.</p> <p>Take two dice, one for you and one for your child. Pick twenty objects that will represent hens or chicks. Take turns rolling the dice. Every time you roll, count the dots then give the other player that many of your objects (chicks/hens). So if you roll a 6, you give your partner 6 objects. The first to 10 hens/chicks that make up your Brood/Clutch wins.</p> <p>Link to DIY dice: https://www.firstpalette.com/craft/paper-dice.html</p> <p>GELDS: CLL2.3b, CD-MA2.4c GSE: MGSEK.CC.5:a/b; MGSEK.CC.6</p>

5.) Egg Matching

Cut 10 egg shapes from white paper. Decorate eggs, then cut them into halves varying the cut pattern (zig-zag, wavy, straight, etc.). Have the child match the halves.

Extension: You can add numbers to the eggs and match them

GELDS: CD-MA4.2b
GSE: MGSEK.G.6

6.) Number Sentence

Draw a picture of 3 birds.
-How many beaks are there all together? Write a number sentence to show how many beaks.
-How many legs? Write a number sentence to show how many legs.
-How many wings? Write a number sentence to show how many wings.

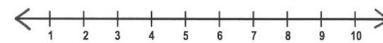
Here is an example of a number sentence: $2 + 3 = 5$

GELDS: CD-MA7.4b
GSE: MGSEK.OA.1

7.) Bird Number Line

There was a bird who was sitting in the 5th tree on a street. One day he flew to the 8th tree on the street. Draw a number line to show how many trees he passed along the way.

Example of Number Line:

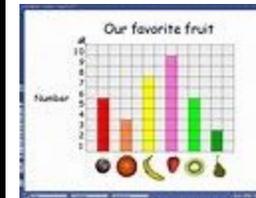


GELDS: CD-MA7.4b
GSE: MGSEK.OA.1

8.) Graphing Activity

A bird collector wants to buy blue, green, and yellow birds. He bought 4 blue birds, 2 green birds, and 1 yellow bird. Create a bar graph and graph the different types of birds he bought.

Example of a Bar Graph



GELDS: CD-MA4.4a
GSE: MGSE1.MD.4